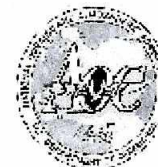




NOAA G-IV ERROR SUMMARY
HURRICANE 2005
H. DENNIS NEAR CUBA



Flight ID: N050708

<u>Sensor or system</u>	<u>Number or Name</u>
INE (for wind derivation)	VEW_PITR, VNS_PITR
Accelerometer	ACINS_PITR
Temperature Probe	AT3
Dew Point Probe	DPRC
Static Pressure	PS2M
Dynamic Pressure	QC2M
Attack Angle	AKRD1
Slip Angle	SSRD2
Vert. Wind	PALT
Constants File	49cal041
Project Directory	/proj/506

Local surface observation not current or unavailable.

Notes:

There were no data gaps.

The Total Temperature #2 (TT2) probe was not available for this mission.

Dynamic sideslip pressure #1, DBP1, had erroneous output from 2354Z – 0207Z.

All other instruments worked optimally during the brief flight.

	Takeoff	Landing
Aircraft Static Pressure	1013.8mb	1013.5mb
Corrected Tower Pressure	1014.4mb	1014.7mb

Flight Director: A. Barry Damiano (813) 828-3310 ext. 3073

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWFA

Flt ID: N050708	From: KMCF	To: KMCF
Flt No: 05-102	Blk In: 0233Z	ATA: 0224Z
ETD: 1800Z	Blk Out: 1758Z	ATD: 1819Z
ETE:	Blk Time: 8:35 (8.6)	Flt Time: 8:05 (8.1)
Sponsor Org: NHC	Program: HURR. SURV	Purpose: H. DENNIS NEAR CUBA

AOC Personnel

AC: POSTON	Sys Eng: GOLDSTEIN
CP: ODELL	Data Sys: BROGAN
Nav:	Radar:
FE:	GPS/BT: KERR
FD: DAMIANO	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
LANDSEY, C	HAPS	HRID

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #) *T/O delayed due to clearance problem*

N0449 0904A DENNIS

00Z TEAL 04

TEAL 17 HS

check aircraft PSDM

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWF2

Flt ID: N050708 Time Off: 1819Z Time On: 0224Z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	<u>1013.8</u>	<u>29.947 / 1014.4</u>	<u>1013.5</u>	<u>29.98 / 1014.7</u>

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	<u>1</u>	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	<u>29</u>	<u>27 good; 2 no launch detect</u> <u>27 messages sent</u>

Video

	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

N050708

N0 ~~DATA~~
DATA CAPS

VEW-PIR, VNS-PIR

AT3

PS2M

QC2M

DPRO

AKRD1

SSRD2

PA

DBP1 erroneous

2354Z - 0207Z

=====

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: DENNIS

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 08/1800Z

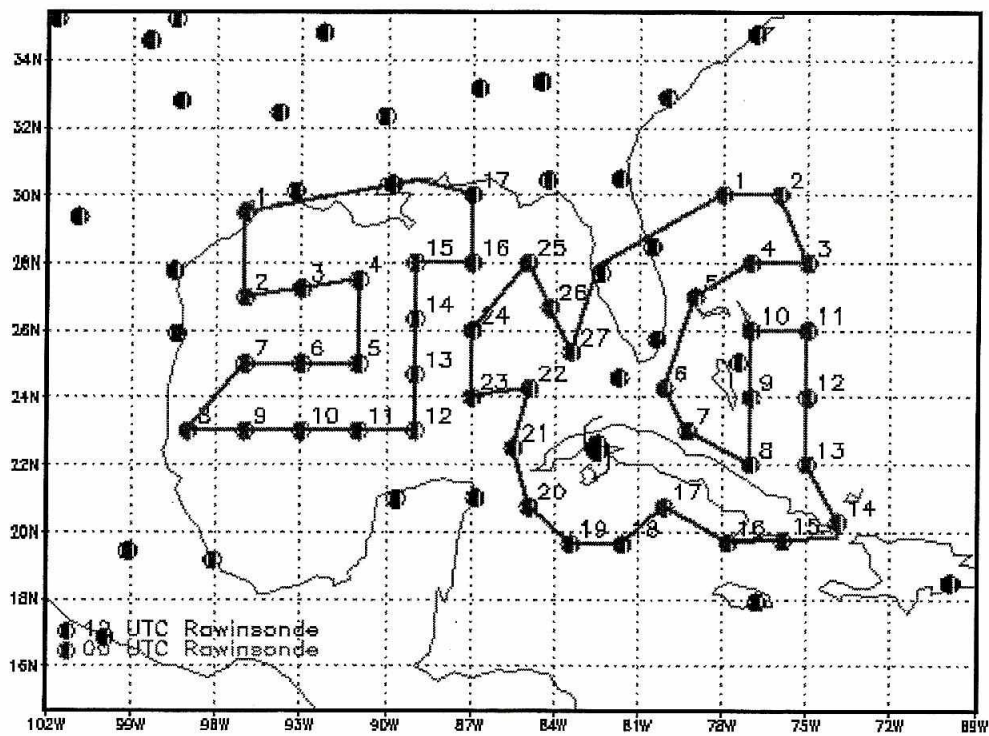
=====

DROP LOCATIONS

=====

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	30 00	78 00		0:47
2	30 00	76 00		1:01
3	28 00	75 00		1:19
4	28 00	77 00		1:33
5	27 00	79 00		1:50
6	24 16	80 04		2:13
7	23 01	79 16		2:25
8	22 00	77 00		2:44
9	24 00	77 00		3:01
10	26 00	77 00		3:17
11	26 00	75 00		3:31
12	24 00	75 00		3:48
13	22 00	75 00		4:04
14	20 18	73 54		4:20
15	19 45	75 51		4:39
16	19 42	77 48		4:54
17	20 44	80 04		5:14
18	19 39	81 34		5:28
19	19 39	83 26		5:42
20	20 44	84 56		5:57
21	22 30	85 30		6:12
22	24 16	84 56		6:27
23	24 00	87 00		6:43
24	26 00	87 00		6:59
25	28 00	85 00		7:21
26	26 40	84 13		7:33
27	25 21	83 26		7:45

=====



GADS: COLA/16ES

2006-07-07-18:27